

IN THE SPECIFICATION:

Please replace paragraph [0013] with amended paragraph [0013] as follows:

According to another aspect of the present teachings, the impact reducing device may serve to gradually reduce a sectional area of a part, in particular a part opposing to the grooves of the impeller, of a terminal end of the first pump channel and/or the second pump channel. Preferably, the sectional area of the part of the terminal end may be reduced in the rotational direction of the impeller. With this arrangement, the direction of flow of the fluid may be gradually changed and high order frequency components of the pulsations may be reduced. As a result, noises may be reduced or minimized. The high order frequency (HOF) of the pulsation may be determined by the following expression:

$$\text{HOF} = K \cdot Z \cdot N \quad (K \geq 2)$$

Here, Z is the number of impellers and N is the rotational speed ~~(rpm)~~ (rps) of the impeller(s). In this case, a basic frequency (BSF) of the pulsation may be expressed by "BSF = Z · N" and HOF components are those having frequencies greater than BSF.